Litespan Cards

Litespai	n Plug-in Inves	unent (257C)	•				
Band	Card Type	Inv./Chan	% Fiber	Wtd Inv.	Utilization	Pwr Sply	Total
		Α	В	C=A*B	. D	E	F=(C/D)+
	1					(Next Pg)	(D*B)
A	ISDN Ctx C	\$152.64	:				
	ISDN Ctx R	\$152.64					
	Total	\$305.28	0.4064	\$124.08	0.75	\$1.89	\$166.21
	EKL C	\$277.27	:		·		
	EKL R	\$277.27	:			!	:
-	Total	\$554.54	0.4064	\$225.39	0.75	\$0.95	\$300.90
В	ISDN Ctx C	\$152.64					
	ISDN Ctx R	\$152.64					
	Total	\$305.28	0.6547	\$199.86	0.75	\$1.89	\$267.72
	EKL C	\$277.27			i _		
	EKL R	\$277.27					
	Total	\$554.54	0.6547	\$363.04	0.75	\$0.95	\$484.68
С	ISDN Ctx C						
	ISDN Ctx R	\$152.64					
	Total	\$305.28	0.5700	\$174.02	0.75	\$1.89	\$233.11
	EKL C	\$277.27	1			<u> </u>	
	EKL R	\$277.27	:				
	Total	\$554.54	0.5700	\$316.11	0.75	\$0.95	\$422.02

PROPRIETARY

Litespan Cards

ower Su	pply Plugs A	lequired for l	SDN and E	KL		
	· · · · · · · · · · · · · · · · · · ·			F 1 0.TO		
		wer plugs at t		i and Ri)		· · · · · · · · · · · · · · · · · · ·
EKL requ	ires extra pow	ver plug at the	RI Only)			
Service	Card Type	Inv./Card	Utilization	Inv./Chan		
	1	(1/Chan Bk)		(224 Cap.)		i
		Α	В	C=A/B/224		
ISDN	Pwr Sply C			:		<u>i</u>
	Pwr Sply R	\$159.08			:	4
	Total	\$318.16	0.75	\$1.89		
EKL	Pwr Sply R	\$159.08	0.75	\$0.95		
			····································		 	
EKL	Total Pwr Sply R		0.75			

PROPRIETARY

Litespan Cards

			· · · · · · · · · · · · · · · · · · ·			
	~ ».					
	• •					
					_	
_itespa	n Plug-in Inves	tment (257C) •			"
Band	Card Type	Inv./Chan	% Fiber	Wtd Inv.	Utilization	Wtd Inv.
	:	Α	В	C=A'B	D	E=C/D
	;					
Α	U4W	\$364.66				
	U4W	\$364.66	i		!	
	Total	\$729.32	0.4064	\$296.42	0.75	\$395.23
	·				· · · · · · · · · · · · · · · · · · ·	
В	U4W	\$364.66				
	U4W	\$364.66				
	Total	\$729.32	0.6547	\$477.47	0.75	\$636.62
			!			-
С	U4W	\$364.66				
	U4W	\$364.66				
	Total	\$729.32	0.5700	\$415.74	0.75	\$554.32

PROPRIETARY

				Poles & Cond.						
les inv	estment (1C) - Feeder								
Band	Cable	Acct.	AFAM	Pole Fac.	Pole Inv.					
	Type -		Inv.	Tab 16						
	· ·		A	В	C=A*B					
A	Cop Aer	22C	\$5.03							
	Fib Aer	822C	\$0.14							
	Total Aer		\$5.17	0.0723	\$0.3					
В	Cop Aer	22C	\$2.27							
	Fib Aer	822C	\$0.13	i						
	Total Aer		\$2.40	0.0723	\$0.1					
С	Cop Aer	22C	\$2.67							
	Fib Aer	822C	\$0.08							
	Total Aer	_	\$2.75	0.0723	\$0.2					
onduit	Investment (4C) - Feed	er	:						
onduit	investment (4C) - Feed Acct.	er AFAM	Cond. Fac.	Cond. Inv					
	1			Cond. Fac.	Cond. Inv					
	Cable		AFAM	Cond. Fac.	Cond. inv					
	Cable		AFAM Inv.							
Band	Cable Type	Acct.	AFAM Inv. A							
Band	Cable Type Cop UG	Acct.	AFAM Inv. A \$53.27		C=A*B					
Band	Cable Type Cop UG Fib UG Total UG	Acct.	AFAM Inv. A \$53.27 \$1.03 \$54.30	8	C=A*B					
Band	Cable Type Cop UG Fib UG Total UG	Acct. 5C 85C	AFAM Inv. A \$53.27 \$1.03	8	C=A*B					
Band	Cable Type Cop UG Fib UG Total UG	Acct. 5C 85C	AFAM Inv. A \$53.27 \$1.03 \$54.30 \$30.49	0.5266	C=A*B					
Band	Cable Type Cop UG Fib UG Total UG Cop UG Fib UG Total UG	Acct. 5C 85C	AFAM Inv. A \$53.27 \$1.03 \$54.30 \$30.49 \$1.84 \$32.33	0.5266	C=A*B					
A B	Cable Type Cop UG Fib UG Total UG Cop UG Fib UG Cop UG	5C 85C 5C 5C	AFAM Inv. A \$53.27 \$1.03 \$54.30 \$30.49 \$1.84 \$32.33	0.5266	C=A*B					
A B	Cable Type Cop UG Fib UG Total UG Cop UG Fib UG Total UG	5C 85C 5C 85C	AFAM Inv. A \$53.27 \$1.03 \$54.30 \$30.49 \$1.84 \$32.33	0.5266	\$28.6					
A B	Cable Type Cop UG Fib UG Total UG Cop UG Fib UG Total UG	5C 85C 5C 5C	AFAM inv. A \$53.27 \$1.03 \$54.30 \$30.49 \$1.84 \$32.33 \$25.98 \$1.25	0.5266 0.5266	\$28.6					
A B	Cable Type Cop UG Fib UG Total UG Cop UG Fib UG Total UG	5C 85C 5C 5C	AFAM inv. A \$53.27 \$1.03 \$54.30 \$30.49 \$1.84 \$32.33 \$25.98 \$1.25	0.5266 0.5266	\$28.6 \$17.0					
A B	Cable Type Cop UG Fib UG Total UG Cop UG Fib UG Total UG	5C 85C 5C 5C	AFAM inv. A \$53.27 \$1.03 \$54.30 \$30.49 \$1.84 \$32.33 \$25.98 \$1.25	0.5266 0.5266	\$28.6					

Calculation of 64 Kbps and 1.544 Mbps Unbundled Loop Costs

64 Kbps Loop Cost Surrogate	a FCC Cost	b FCC Factor	c=a/b AOE Cost	d % Change	e=c*1+d Adjusted Cost	f Non Volume Sensitive Cost
Rate Zone A	87.15	1.58	\$55.16	14.04%	\$62.91	0 62
Rate Zone B	87.15	1.58	\$55.16	14.56%	\$ 63.19	0.62
Rate Zone B	87.15	1.58	\$55.16	14.43%	\$63.12	0.62
1.544 Mbps Loop Cost Surrogate						
Rate Zone A	149.85	1.58	\$94.84	14.04%	\$108.16	1.07
Rate Zone B	154.85	1.58	\$98.01	14.56%	\$112.28	1,11
Rate Zone C	166.5	1.58	\$105.38	14.43%	\$120.59	1.19

PROPRIETARY

WEIGHTED UNBUNDLED SERVICES SERVICE ORDER COST

*** **	% a	MICH COST b	MICH wtd cost a x b
LOOP	37%	11.35	4.1995
PORT	5%	12.34	0.617
SPNP DIRECT	6%	84.08	5.0448
SPNP REMOTE	50%	56.67	28.335
ADD'L. PATH	2%	12.36	0.2472
			\$38.44

Non Volume Tensitive NRC ...38

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MICHIGAN Unbundled Loop - Nonrecurring Costs Average Loop

WORK GROUP	A LABOR RATE	B MIN. TIME MINS	C MAX. TIME MINS	D MOST LIKELY TIME	E AVE TIME MINS	F PROB OF OCCUR	G WT'D MINS (E*F)	H COST (G/60*A)	TASKS
SERV	ICE ORDE	RING C	OST						
BSC	\$32.12 36.72				1	100.00% MACHINE (DISCONN	5.00 COST 5.00	\$2.68 3.75 2.21	PROCESS ORDER LOG-IN, SCREEN, RESOLVE DISCREPANCY, FORMAT,
					# (MACHINE	COST	2.71	ENTER AND DISTRIBUTE.
					SERVICE C	ORDER TO	TAL	\$11.35	
LINE	CONNECT	10N CC	OST						
COF	\$33.16 37.91				5.00 2.50 COF	100.00% 95.00% SUBTOTA	5.00 2.375 AL	\$2.76 1.08 3.84	RUN JUMPER . # DISCONNECT
LAC	38.14				5.00	76.00%	3.80	2.42	LOOP ASSIGNMENT
USC	41.32 47.24				23.00 USC	100.00% SUBTOTA	23.00 2.30 L		COORDINATING # DISCONNECT
CP&M	21.44	ļ			42.50 2.50 CP&M	36.00% 36.00% SUBTOTA			FIELD VISIT- NEW DISPATCH FIELD TECH
CPC	34.76	5			30.00	10.00%	3.00	1.74	FALL OUT ORDERS ONLY NEED TO CHECK ERROR AND RESUBMIT OR DO A SPECIAL DESIGN
EWO	21.4	4			5.00	12.00%	0.60	0.21	ASSIST WITH OSP FACILITIES ASSIGNMENT PROBLEMS
BSC	32.1	2			30.00	10.00%	3.00	1.61	CONTACT AEC IF ANY SERV- ICE ORDER ERRORS
				-	LINE CON	INECTION	TOTAL	\$32.76	
	onnect Pres				of Money R	ate - 11.5%	1	.32	

AMERITECH MICHIGAN

SERVICE COORDINATION COST FOR UNBUNDLED SERVICE

	ITEM	Per Bill Per CO Annual Cost
1	BILL RENDERING EXPENSE	\$4.32
2	ACCOUNTS PROCESSING	0.74
3	REMITTANCE PROCESSING	1.19
4	CUSTOMER PAYMENT CENTERS	1.11
5	CENTRALIZED INFO SERVICES	0.06
6	COLLECTION CENTER EXPENSES	1.48
7	TOTAL ANNUAL EXPENSE	\$8.90
8	COST PER MONTH L7/12	\$0.74

PROPRIETARY

AMERITECH MICHIGAN SERVICE COORDINATION COST - UNBUNDLED LOOP OR PORT

BILL	RENDERING	
•	- Data Processing	
1	Total Data Processing Hardware Investment (1996)	\$13,899,858
2	Annual Cost Factor	0.3071
3	Investment Related Annual Cost (L1*L2)	\$4.268,646
4	Annual Leased Equipment	\$498,060
5	Annual Cost Land & Bidg for Data Processing	\$3,282,396
6	Annual Power	\$592,095
7	Annual Data Processing Hardware Cost (L3+L4+L5+L6)	\$8,641,197
	- Accounts Processing	
8	% CAMPS Hardware Costs related to Total	19.22%
9	Annual Hardware Costs related to Accounts Processing (L8xL7)	\$1,660,838
	Total Accounts Processed	3,768,889
11	Cost per Line for Data Processing (L9/L10)	\$0.44067
	- Bill Formatting	
•	% CAMPS Hardware Costs related to Total	0.33%
13	Annual Data Processing Costs related to Bill Formatting (L8XL12)	\$28,516
	-Microfiche	
14	Annual Cost for Microfiche	\$1,100,640
	- Bill Verification (Manual)	
	Total Labor for Data Processing (Bill Verification)	\$ 201,176
	Annual Cost for Land & Bidg. (L15*21.27%)	\$4 2,790
17	Total Labor Expense for Bill Verification (L15+L16)	\$243,966
18	Total Cost of Formatting & Verification (L13+L14+L17)	\$1,373,122
19	Annual Pages Printed (1996 proj.)	277,349,770
20	Cost per Page for Formatting & Verification (L18/L19)	\$0.00495
	- Printing (Costs from Outside Vendor)	
21	Monthly Computer Processing per account	\$0.002804
22	Image Printing Full	\$0.014300
23	First Page	\$0.004620
24	Send 2 Color Envelope	\$0.010550
25	Return 2 Color Envelope	\$0.007440
	inv Management	\$0.002208
	Technical Support	\$0.003897
28	Productivity Bonus	\$0.008580
29	Total Monthly Processing Costs for Printing (L21 thru L28)	\$0.054399
30	Annual Printing Costs per Account (L29*12)	\$0.652788

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BILL	RENDERING (cont'd) - Mail		
31	Inserting		\$0.003061
32	Postage		\$0.250950
33	Total Monthly Postage (L32+L33)		\$0.254011
34	Total Annual Postage and Handling per Account L33	•12	\$3.048132
	- Cost per Account - Annual		
-	Cost per Account for Printing (L30)		\$0.65279
	Cost per Account for Postage (L34)		\$3.04813
_	Cost per Account for Accounts Data Processing (L11)		\$ 0. 440 67
38	Cost per Acct. for Bill Verif.related to Network Access	(L20x3x12)	\$0.17823
39	Total Cust. Bill Rend.Costs per Account (L35+L36+L3	7+L38)	\$4.32
REN	MITTANCE PROCESSING		
40	Annual Labor for Remittance Processing - JFC 1250		4,268,749
41	Annual Cost for Floor Space		222,840
42	Total Costs for Remittance Processing (L40+L41)		4,491,589
43	Annual Cost per Account	L42/L10	\$1.19
ACC	COUNTS PROCESSING		
44	Annual Accounts Processing Wage Expense 1993	JFC 1260	\$2,221,696
45	Wage Inflation Factor 93-96		1.132
46	Growth Factor to 1996		1.072
47	Wage Expense 1996	L51*L52*L53	2,696,037
48	Total Square feet		3,570
49	Annual Cost per Square Foot		\$26.25
50	Annual Cost for Floor Space	L46*L49*L50	\$100,460
51	Total Annual Costs for Accounts Processing	L47+L50	\$2,796,497
52	Annual Cost per Account	L51/L10	\$0.74
CE	NTRALIZED INFORMATION SERVICES		
	Total Labor for Cent. Info. Services		\$191,067
	Annual Cost for Floor Space		\$24,750
	Total Annual Cost for Cent Services 1996	L53+L54	\$215,817
	Annual Cost per Account	L55/L10	\$0.06

median contained herein should released to unauthorized persons. It solely for use by authorized in conglement.

CUS	TOMER PAYMENT CENTERS		
57	Annual Cust Payment Centers Wage Expense 1993	JFC 2E90	\$2,938,873
58	Wage Inflation Factor 1993 to 1996		1.132
59	Growth Factor to 1996		1.072
60	Wage Expense 1996	L57*L58*L59	3,566,334
61	Total Square feet		28,177
62	Annual Cost per Square Foot		\$21.00
63	Annual Cost for Floor Space	L61*L62*L63	\$634 ,321
64	Total Annual Costs for Accounts Processing	L60+L63	\$4,200,655
65	Annual Cost per Account	L64/L 10	\$1.11
	EATMENT COLLECTION CENTERS		
66	Live Accounts Collection Center (LACC) Res & Bus	JFC 2E93	\$ 5,266,547
67	Final Accounts (FACC)		\$3,176,212
68	Annual Cost for Floor Space		\$3,697,888
69	Total Annual Expense for Collections L	66+L67+L68	\$12,140,646
70	% of Collection Revenue related to Network Access		36.81%
71	Annual Expense for Coll Ctrs related to Network Acce	ess L69°L70	\$4,468,972
72	Annual Expense per Account - Treatment- Coll. Cer	nters L82/ L71/L10	\$1.19
73	Postage related to Treatment		\$0.29
74	Annual Cost per Account	L72 + L73	\$1.48

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UNBUNDLED LOCAL SWITCHING

Ameritech - Michigan

			MONTHLY RE	ECURRING COS	TS	NONRECURRING COSTS			
PRODUCT	ТҮРЕ	TELRIC	SHARED COSTS	COMMON COSTS	TOTAL COSTS	TELRIC	SHARED COSTS	COMMON	TOTAL COSTS
Local Switching	Basic Port	5 66	1 04	0 59	7 29	47 55	8 73	4 95	61 2
	Ground Start Port	611	1 12	0 64	7 87	47 55	8 73	' 4 95	61 2
	ISDN - Direct Port	29 11	5 35	3 03	37 49	47 55	8 73	4 95	61 2
	ISDN - Direct Port - Telephone Number, per Number	001	0.00	0 00	0 01				
	DiD Port	12 77	2 34	1 33	16 44	47 55	8 73	4 95	612
	DID Port - Telephone Number, per Number	001	0 00	0 00	0 01				1
	DID Port - Add/Rearange Each Termination					21 58	3 96	2 24	27 7
	ISDN Prime Port	139 01	25 53	14 46	179 00	567 29	104 20	59 00	730 4
	ISDN Prime Port - Telephone Number, per Number	0.01	0.00	0.00	0 01				
	ISDN Prime Port - Add or Change Channels					21 58	3 96	2 24	27 70
	ADTS Port	104 19	19 14	10 84	134 17	567 29	104 20	59 00	730 4
	Centrex Basic Port	10 07	1 85	1 05	12 97	47 55	8 73	4 95	61.2
	Centrex ISDN - Dir Port	48 00	8 82	4 99	61 81	47 55	8 73	4 95	61 2
	Centrex Atten Console Port	91 92	16 88	9 56	118 36	95 10	17 47	9 89	122 46
	Centrex Common Block					345 61	63 48	35 94	445 0
	Centrex System Features	321 94	59 13	33 48	414 55				
	Centrex ENL Port	29 39	5 40	3 06	37 85	47 55	8 73	4 95	61 2
	Local Switching Trunk Port	90 66	16 65	9 43	116 74	567 29	104 20	59 00	730 49
	Part Canversion					43 69	8 02	4 54	56 25
	Service Coordination	0 74	0.14	0.08	0 96				
	Custom Routing - per new LCC, per switch					203 51	37 38	21 17	262 00
	Service Order-Initial-Line Port					12 41	2 28	1 29	15 96
	Service Order-Initial-Trunk Port					296 42	54 44	30 83	381 69
	Service Order - Add/Chg					12 41	2 28	1 29	15 96
	Service Order - Record					12 66	2 37	1 34	16 59
	Line Connection		i						
	CTX Chg & Rearrange per system feature per occ					45 81	8 41	4 76	58 98
	CTX Feature Activation per occasion					191 26	35 13	19 89	246 28
	Billing Development per customer per switch					26,146 97	4,802 48	2,719 36	33,668 61
	Customer Training					59 29	10 89	6 17	76 35
	Local Switching Usage - per minute	0 002702	0 000496	0 000281	0 003479				
Inbundled	Usage Without Tandem Trunks - per minute	0 000533	0 000098	۰0 000055	0 000686				
andem	Tandem Trunks (DSI)	100 62	18 45	10 45	129 52	<u> </u>			
switching.	Trunk Features	18 49	3 39	1 92	23 8 0		[
	Service Order					294 93	54 07	30 62	379 62
	Line Connection					570 26	104 56	59 20	734 02
	Service Order - Add/Cng					21 62	3 96	2 24	27 82

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AMERITECH MICHIGAN UNBUNDLED PORT MONTHLY COSTS

		LINE TERM	50% MDF W/PROT	TEL. NO INTERCEPT DIRECTORY OTHER EXP.		TOTAL PORT Note 2
		а	b	С		d = a + b + c
1	BASIC, POTS, CENTREX	\$0.91	0.37	0.84	L8 to L12	\$2.12
2	PBX GND START	1.34	0.39	0.84	L8 to L12	\$2.57
3	DID ANALOG TRUNK	10.82	0.37	0.84	L8 to L12	\$12.03
4	ISDN BRI - 160 KBS	7.00	0.37	3.89		\$11.26
5	ISDN PRIME	73.45	Note 1	64.16	**	\$137.61
6	ADTS 24 DIGITAL TRUNKS	102.83	Note 1	0.81	***	\$103.64
7	EKL	1.36	0.37	0.84	L8 to L12	\$2.57
8 9 10 11	DETAILED EXPENSES FOR ABOVE MDF /2 WITH PROTECTOR TEL. NO. INTERCEPT DIRECTORY	E	0.37	0.01 0.02 0.06		
12	OTHER EXPENSE Consisting of:	0.02		0.75		
	a. Report Processingb. Additional Maintenancec. Other Administrative Expense	0.02 0.02 0.71				
	RTU EXPENSE - ISDN PRI			63.26		
14	RTU EXPENSE - ISDN BRI - 160 I	KBS		3.05		

Note 1: DSX-1 termination used instead of MDF and Protector. Costs included in Line Termination.

Note 2: To develop total costs, add in the costs the Arthur Andersen Company developed.

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^{*} Includes L8 to L12 and RTU expense, L14

^{**} Includes 3 tel. no.s, 3 intercepts, directory listing, other expense and RTU expense, L13.

^{***} Includes directory listing and other expense.

RECURRING COST DEVELOPMENT MICHIGAN Monthly Costs

			IVIC	HILLIA COSIS						_		N. Waliana
ITEM **			ì	F4)	1 4		 tance	Tot		NonVolume Sensitive Cost S
PORTS Basic	\$	2.12	\$	Features 2.83	\$	0.68	\$	-	\$ xten.	<u>M</u> \$	onthly 5.63	
Ground Start	\$	2.57	\$	2.83	\$	0.68	\$	-	\$ -	\$	6.08	0.03
COPTS-Coin	\$	2.57	\$	2.83	\$	0.68	\$	-	\$ •	\$	6.08	0.03
ISDN Direct *	\$	11.25	\$	0.51	\$	0.68	\$	•	\$ 16.52	\$	28.96	0.15
DID *	\$	12.02	\$	•	\$	0.68	\$	•	\$ •	\$	12.70	0.07
ISDN Prime *	\$	137.60	\$	•	\$	0.68	\$	•	\$ •	\$	138.28	0.73
ADTS	\$	103.64	\$	•	\$	•	\$	-	\$ -	\$	103.64	0.55
Local Switching Trunk	\$	90.18	\$	•	\$	•	\$		\$ -	\$	90.18	0.48
Centrex Basic	5	2.12	\$	7.22	\$	0.68	\$	-	\$ -	\$	10.02	0.05
Centrex ISDN Direct	s	11.26	\$	19.29	\$	0.68	\$	-	\$ 16.52	\$	47.75	0.25
Centrex EKL	S	2.57	s	25.99	\$	0.68	\$	-	\$ •	\$	29.24	0.15
Centrex Attend. Console	\$	91.44	ل i)	ncludes feat	tures))				\$	91.44	0.48

^{*} Telephone # cost of .01 taken out , shown seperately in the tariff.

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AMERITECH MICHIGAN

EKL Port Switch Termination

Investment	ACF	Annual Cost	Monthly Cost
43.94735	0.3716	16.33	1.36

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UNBUNDLED SWITCHING TRUNK PORT

MICHIGAN					357C/377C		
· ·	Switch	<u>efai</u>	Meld	Total	ACE	IO	TAL COST
£.	DMS				0.3716	\$	468.15
	5E	BELLCORE	CONTE	TAR APPEAR	0.3509	S	541.29
	EWSD	DEELCORE	CONFI	DENTIAL	0.4063	\$	71.81
	DSX				0.3519	\$	0.90
						\$	1 082.16
					Monthly	\$	90.18
			NonV	olume Sei	nsitive Cos	t S	0.48

UNBUNDLED FEATURE DEVELOPMENT

Michigan ACF

	<u>Λ'3</u> 28								
EEATURES		EF&I	A	nnual Cost	Monthly Cost				
Line	\$	92.23	\$	33.94	\$	2.83			
Centrex	\$	235.49	\$	86.66	\$	7.22			
EKL	\$	847.47	\$	311.87	, \$	25.99			
CTX ISDN	\$	629.07	\$	231.50	\$	19.29			
Att'd Console	\$	2,981.85	\$	1,097.32	\$	91.44			
System	\$	10,443.00	\$	3,843.02	\$	320.25			
Dist. Extension	\$	538.67	\$	198.23	\$	16.52			
ISDN DIRECT	s	16.67	\$	6.13	\$	0.51			

ON GOING LCC MAINTENANCE MICHIGAN

P3	141	ìХ	1	9	9	7١
, ,	~,	"		v.	v	, ,

				P34UX 1997)			
		Lab	or				Total
	Hours		<u>Rate</u>	Cost	# Offices		Cost
5E	450	\$	42.93	\$19,318.50	154	\$ 2	,975,049.00
DMS	200	\$	43.09	\$ 8,618.00	164	\$ 1	,413,352.00
EWSD	140	\$	41.48	\$ 5,807.20	68	\$	394,889.60
					386	\$ 4	1,783,290.60
	•			Per Switch		\$	14,538.88
				# LCC		• •	2 .
			Offices	installed in			7
				Total Cost		\$	203,544.28
•		Mic	higan F	orecasted Line	es		24860
		Anr	rual Cos	st per Line		\$	8.19
		Moi	nthly Co	st per Line		\$	0.6823

CONFIDENTIAL

ACE MELD

STATE	SWITCH	ACF	RATIO	MELD
Michigan				
	DMS	0.3716	0.5737	0.21318692
	5E	0.3509	0.3321	0.11653389
	EWSD	0.4063	0.0942	0.03827346
			TOTAL	0.3680

Basic Switch Port 90% Fill

ITEM COST SUMMARY

Estimated Investments:	 c Switch 90% Fill
Recoverable Material Cost Non-Recov. Material Cost	\$ 29.48
Installation Cost	7.71
Total	\$ 37.19
Estimated Recurring Costs	
Depreciation	\$ 4.85
Cost of Money	2.37
Income Tax	1.03
Maintenance	2.35
Administrative Overhead	•
Incremental Expense	-
Other Recurring Expense	•
Ad Vaiorem Tax	0.36
Gross Receipts Tax	•
Total Annual Cost:	\$ 10.97
Total Monthly Cost:	\$ 0.91

PROPRIETARY

PBX Grd Start / Coin 90% Fill

ITEM COST SUMMARY

	PBX Grd Start / Coin 90% Fill		
Estimated Investments:			
Recoverable Material Cost	\$	43.12	
Non-Recov. Material Cost		-	
Installation Cost		11.28	
Total	\$	54.39	
Estimated Recurring Costs			
Depreciation	\$	7.07	
Cost of Money	•	3.48	
income Tax		1.52	
Maintenance		3.44	
Administrative Overhead		•	
incremental Expense		_	
Other Recurring Expense		_	
Ad Valorem Tax		0.53	
Gross Receipts Tax		0.55	
Giosa Neceipia Tax		•	
Total Annual Cost:	\$	16.02	
Total Monthly Cost:	\$	1.34	

PROPRIETARY

ISDN BRI (PIRECT)

ITEM COST SUMMARY

	ISI	DN BRI
Estimated Investments: Recoverable Material Cost Non-Recov. Material Cost	\$	224.33
Installation Cost		58.66
Total	\$	282.99
Estimated Recurring Costs		
Depreciation	\$	37.41
Cost of Money		17.95
Income Tax		7.83
Maintenance		18.03
Administrative Overhead		•
incremental Expense		-
Other Recurring Expense		•
Ad Valorem Tax		2.75
Gross Receipts Tax		-
Total Annual Cost:	\$	83.97
Total Monthly Cost:	\$	7.00

PROPRIETARY

Analog Trunk (PBX, DID, etc.)

ITEM COST SUMMARY

	Analog Trunk (PBX, DID, etc.)	
Estimated Investments: Recoverable Material Cost Non-Recov. Material Cost	\$	352.49 - 89.09
Installation Cost Total	\$	441.58
Estimated Recurring Costs Depreciation Cost of Money Income Tax Maintenance Administrative Overhead Incremental Expense Other Recurring Expense Ad Valorem Tax Gross Receipts Tax	S	58.94 28.28 12.32 26.05 - - - 4.28
Total Annual Cost:	. \$	129.87
Total Monthly Cost:	\$	10.82

PROPRIETARY

ISDN PRI

(Prime)

ITEM COST SUMMARY

ISDN PRI		
\$	2,355.86	
	•	
	616.09	
	0.0.00	
\$	2,971.95	
	_,.	
\$	392.50	
	188.64	
	82.22	
	189.23	
	-	
	_	
	•	
	-	
	28.83	
	-	
•	881.42	
•	001.42	
\$	73.45	
	\$ \$	

Digital Trunk (DS1-1.544) (ADTS)

ITEM COST SUMMARY

	•	Digital Trunk (DS1-1.544)	
Estimated Investments: Recoverable Material Cost Non-Recov. Material Cost Installation Cost	\$	3,284.47	
		- 858.93	
Total	\$	4,143.40	
Estimated Recurring Costs			
Depreciation	\$	552.61	
Cost of Money		261.86	
income Tax		114.14	
Maintenance		265.13	
Administrative Overhead		-	
Incremental Expense		•	
Other Recurring Expense		•	
Ad Valorem Tax		40.19	
Gross Receipts Tax		•	
Total Annual Cost:	\$	1,233.94	
Total Monthly Cost:	\$	102.83	

PROPRIETARY